

Safety Data Sheet



1. IDENTIFICATION

Product name: **SCENEYS CREOSOTE WOOD PRESERVATIVE**
(CREOSOTE COAL TAR OIL)

Product code: SCE CRE

Recommended use: Industrial Application

Supplier: Sceney's Pty Ltd
ABN: 33 006 721 213
Address: 17 Third Ave Sunshine VIC Australia 3020
Telephone: (03) 9311 7477 (Mon-Fri, 9am-4pm, AEST)
Facsimile: (03) 9312 6911

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Schedule 7 Poison / Class 6 Toxic / UN 2810 / Toxic Liquid Organic N.O.S.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Flammable Liquids: Category 4

Acute Toxicity – Oral: Category 4

Skin Corrosion/Irritation: Category 2

Eye Damage/ Irritation: Category 2

Carcinogenicity Category 1B

STOT Single Exposure: Category 3 (respiratory tract irritation)

Aspiration Hazard: Category 1

Hazardous to the Aquatic Environment – Acute Hazard: Category 1

Hazardous to the Aquatic Environment – Long Term Hazard: Category 1

Signal Words(S)

Danger

Hazard Statement(S)

H227 Combustible Liquid

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H350 May cause cancer

H410 Very toxic to aquatic life with long lasting effects

Safety Data Sheet



Pictogram(S)

Health Hazard, Exclamation Mark, Environment



Precautionary statement – Prevention

- P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
- P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray
- P264 Wash contaminated skin thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P271 Use only outdoors in a well ventilated area
- P273 Avoid release to the environment
- P280 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statement – Response

- P312 Call a Poison Centre or Doctor if you feel unwell
- P308 + P313 If exposed or concerned: Get medical attention/advice
- P370 + P378 In case of fire: Use water fog, carbon dioxide, dry chemical or foam for extinction
- P391 Collect spillage
- P301 + P310 If swallowed: Immediately call a Poison Centre or Doctor
- P330 Rinse mouth
- P331 Do NOT induce vomiting
- P304 + P340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 If eye irritation persists: Get medical advice/attention
- P302 + P352 If on skin: Wash with plenty of soap and water
- P332 + P313 If skin irritation occurs: Get medical advice/attention
- P362 Take off contaminated clothing and wash before reuse

Precautionary statement – Storage

- P403 + P233 + P235 Store in a well ventilated place, keep container tightly closed, keep cool
- P405 Store locked up

Precautionary statement – Disposal

- P501 Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	EINECS	Proportion
Coal Tar Creosote	8001-58-9	232-287-5	100%

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion

Do not induce vomiting. Wash out mouth and lips with water. Where vomiting occurs naturally, have affected person place head below hip level in order to reduce risk of aspiration. Seek medical attention.

Skin

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Discard contaminated clothing or wash before reuse. Seek medical attention.

Eye contact

If in eyes, hold eyelids apart and flush continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First aid facilities

Eyewash, safety shower and normal washroom facilities.

Advice to doctor

Treat symptomatically.

Other information

For advice in an emergency, contact a Poisons Information Centre (13 11 26 in Australia) or Doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Water fog, carbon dioxide, dry chemical, or foam. Alcohol resistant foam is preferred. If not available normal foam can be used.

Unsuitable extinguishing media

Do not use water jet.

Hazards from combustion products

Under fire conditions this product may emit toxic and or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific hazards arising from the chemical

Combustible. This product will burn if exposed to fire.

Hazchem code

- 3Z

Decomposition temperature

Not available.

Precautions in connection with fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers, fight fire from safe location. This product should be prevented from entering drains and waterways.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures

Wear appropriate Personal Protective Equipment (PPE) and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs, inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities. Do not eat, drink or smoke when using this product. Avoid exposure. Do not handle until all safety precautions have been read and understood.

Conditions for safe storage, including incompatibilities

Keep out of reach of children. Store in a cool, dry well ventilated area away from sources of ignition, oxidising agents, strong acids, food stuffs and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

Storage regulations

Classified as a Class1 C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940 (Australian Standard).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

None established.

Biological limit values

None allocated.

Appropriate engineering controls

The substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame proof exhaust ventilation system is required. If

Safety Data Sheet



the engineering controls are not sufficient to maintain concentrations of vapours/mists below exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations – AS1940 and AS/NZS 60079.10.1 – for further information concerning ventilation requirements.

Respiratory protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Refer to relevant regulations – AS/NZS 1715 and AS/NZS 1716 – for further information concerning respiratory protective requirements and in order to make any necessary changes for individual circumstances.

Eye and face protection

Safety glasses with side shields, chemical goggles or full face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances but should conform to relevant regulations – AS/NZS 1337.

Hand protection

Wear gloves of impervious material such as rubber or neoprene. Final choice of appropriate gloves will vary according to individual circumstances but should conform to relevant regulations – AS/NZS 2161.1.

Body protection

Suitable protective workwear, eg. Cotton or neoprene overalls buttoned at neck and wrist is recommended, and chemical resistant apron if working with large quantities.

Other information

No exposure standards have been established, however exposure should be kept to the lowest possible levels.

TWA (Time Weighted Average: The average airborne concentration of a particular substance when calculated over a normal eight hour working day, for a five day week) for refined mineral oil mist is 5mg/m³. Typical PEL (Permissible Exposure Limit) is 0.2 mg/m³. SOURCE: Safe Work Australia.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Brown to black liquid

Colour

Brown to black

Odour

Creosote or tarry odour

Decomposition temperature

Not available

Melting point

Not available

Boiling point

Not available

Solubility in water

Slight

Specific gravity

1.003-1.108

pH

Not available

Vapour pressure

1

Vapour density (air=1)

>1

Evaporation rate

Slow

Odour threshold

Not available

Viscosity

Refer to section 9: Kinematic Viscosity and Dynamic Viscosity

Volatile component

Not available

Partition co-efficient: n-octanol/water

Not available

Flash point

>80°C (TCC)

Flammability

Combustible liquid

Auto-ignition temperature

Not available

Flammable limits-lower

Not available

Flammable limits-upper

Not available

Explosion properties

Not available

Oxidising properties

Not available

Kinematic viscosity

Not available

Dynamic viscosity

Not available

Other information

Moisture: <1.5%

UPTO 205°C: <5%

UPTO 230°C: 5-30%

UPTO 315°C: 40-78%

UPTO 355°C: 73-90%

10. STABILITY AND REACTIVITY

Reactivity

Refer to section 10: possibility of hazardous reactions.

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Heat, open flames and other sources of ignition. Avoid localised overheating.

Incompatible Materials

Strong oxidising agents.

Hazardous Decomposition Products

Under fire conditions this product may emit toxic and/irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Possibility of Hazardous Reactions

Reacts with incompatible materials.

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No data available

Ingestion

Harmful if swallowed. Ingestion of this product may cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea. May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause severe pulmonary injury that may lead to death. May cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.

Inhalation

May cause respiratory irritation. Inhalation of product vapours can cause irritation of the nose, throat and respiratory system.

Skin

Causes skin irritation. Skin contact will cause redness, itching, swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis. May stain the skin.

Eye

Causes serious eye irritation. Will cause tearing, stinging, blurred vision and redness.

Respiratory Sensitisation

Not expected.

Skin Sensitisation

Not expected.

Germ Cell Mutagenicity

Not considered to be a hazard.

Carcinogenicity

May cause cancer. Classified as a known presumed carcinogen. Coal tar is listed as a Group 2A: Probably carcinogenic to humans according to the International Agency for Research on Cancer (IARC).

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT – Repeated Exposure

Not expected to cause toxicity to a specific organ.

Aspiration Hazard

May be swallowed if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Eco Toxicity

Very toxic to aquatic life with long lasting effects.

Persistence and Degradability

Not available.

Mobility

Not available.

Bio Accumulative Potential

Not available.

Other Adverse Effects

Not available.

Environmental Protection

Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to applicable local and national regulations. Do not allow into drains or waterways or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

Transport Information

This material is classified as Dangerous Goods Class 6, Toxic UN2810 TOXIC LIQUID, ORGANIC N.O.S.

UN Number

2810

UN Proper Shipping Name

TOXIC LIQUID, ORGANIC N.O.S. (Coal Tar Creosote)

Transport Hazard Class(es)

Class 6

Packing Group

III

Hazchem Code

- 3Z

Special Precautions for User

Not available

IERG Number

47

UN Number (Air Transport, ICAO)

2810

IATA/ICAO Proper Shipping Name

TOXIC LIQUID, ORGANIC N.O.S. (Coal Tar Creosote)

IATA/ICAO Hazard Class

Class 6

IATA/ICAO Packing Group

III

IATA/ICAO Symbol

Miscellaneous Dangerous Goods

IMDG Proper Shipping Name

TOXIC LIQUID, ORGANIC N.O.S. (Coal Tar Creosote)

IMDG Packing Group

III

IMDG Marine Pollutant

Yes

IMDG EMS

F-A, S-F

Transport in Bulk

Not available

15. REGULATORY INFORMATION

Regulatory Information

Classified as hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as a scheduled poison according to the standard for the Uniform Scheduling Of Medicines and Poisons (SUSMP) (Schedule 7).

Schedule 7 poisons should be available only to specialised or authorised users.

Regulations restricting the availability, possession, storage or use may apply.

Poisons Schedule

S7

16. OTHER INFORMATION

This SDS was prepared on 24 April 2019.

This SDS summarises our best knowledge of the health and safety information of the product and how it should be used and handled safely in the workplace. The information is believed to be correct but is not guaranteed. Each user should refer to this SDS prior to using the product and consider the contents in relation to the context in which the product is to be used and handled.

No liability is accepted directly or indirectly for any losses suffered with the use and application of the product whether or not in accordance with any advice, specification, recommendation or information given in the SDS.

If clarification or further information is required, the user should contact the supplier listed in section 1 of the SDS.